U.S. ARMY CHEMICAL MATERIALS AGENCY

CREATING A SAFER TOMORROW

Chemical Disposal Program Update for Restoration Advisory Board

Ted Ryba

TOCDF Site Project Manager

March 11, 2008

Mustard Processing History

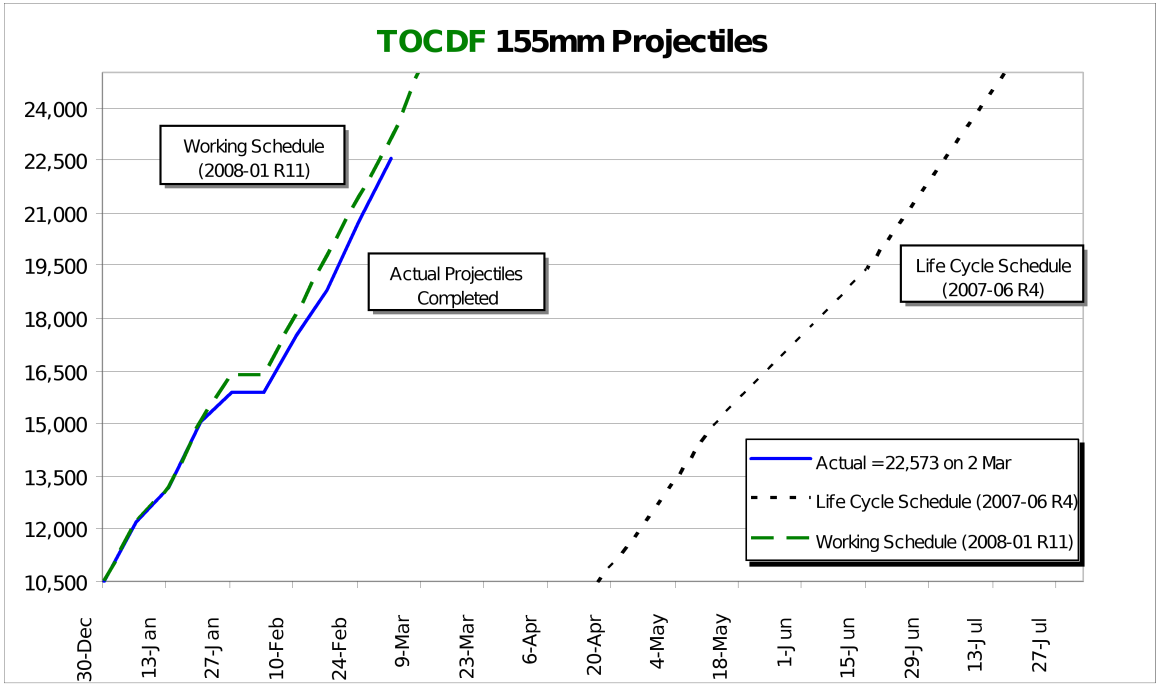
Stockpile Destroyed

2,271	**HD Ton container**
3738	**H 155mm M 104 Projectiles**
19,210	**H 155mm M 110 Projectiles**
0	**HT 4.2 Inch Cartridge**

4.

155 Projectile Processing

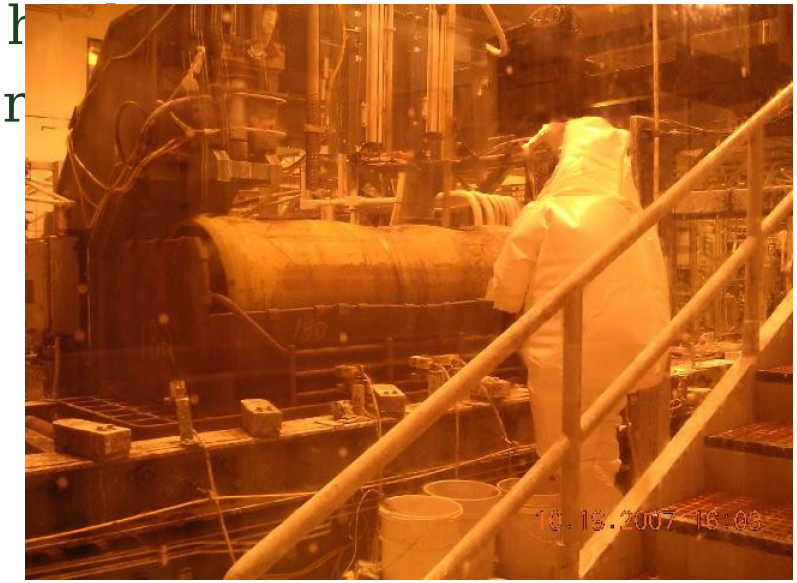
- 155mm H Projectile Campaign at 75% feed rate.
- Efforts to optimize machine performance continue.
- 22,948 projos processed as of 06 March 2008



TOCDF Mustard Campaign

Heel Transfer System (HTS):

- HTS is needed due to a large number of ton containers in storage identified with solid heels greater than permitted limit.
- HTS will transfer excess solid heels from ton containers to “child tons” to allow processing through Metal Parts Furnace.
- Design utilizes high pressure warm water to break up/dissolve/melt h
- Anticipate in-ser



TOCDF Mustard Campaign

Pollution Abatement Filtration System (PFS):

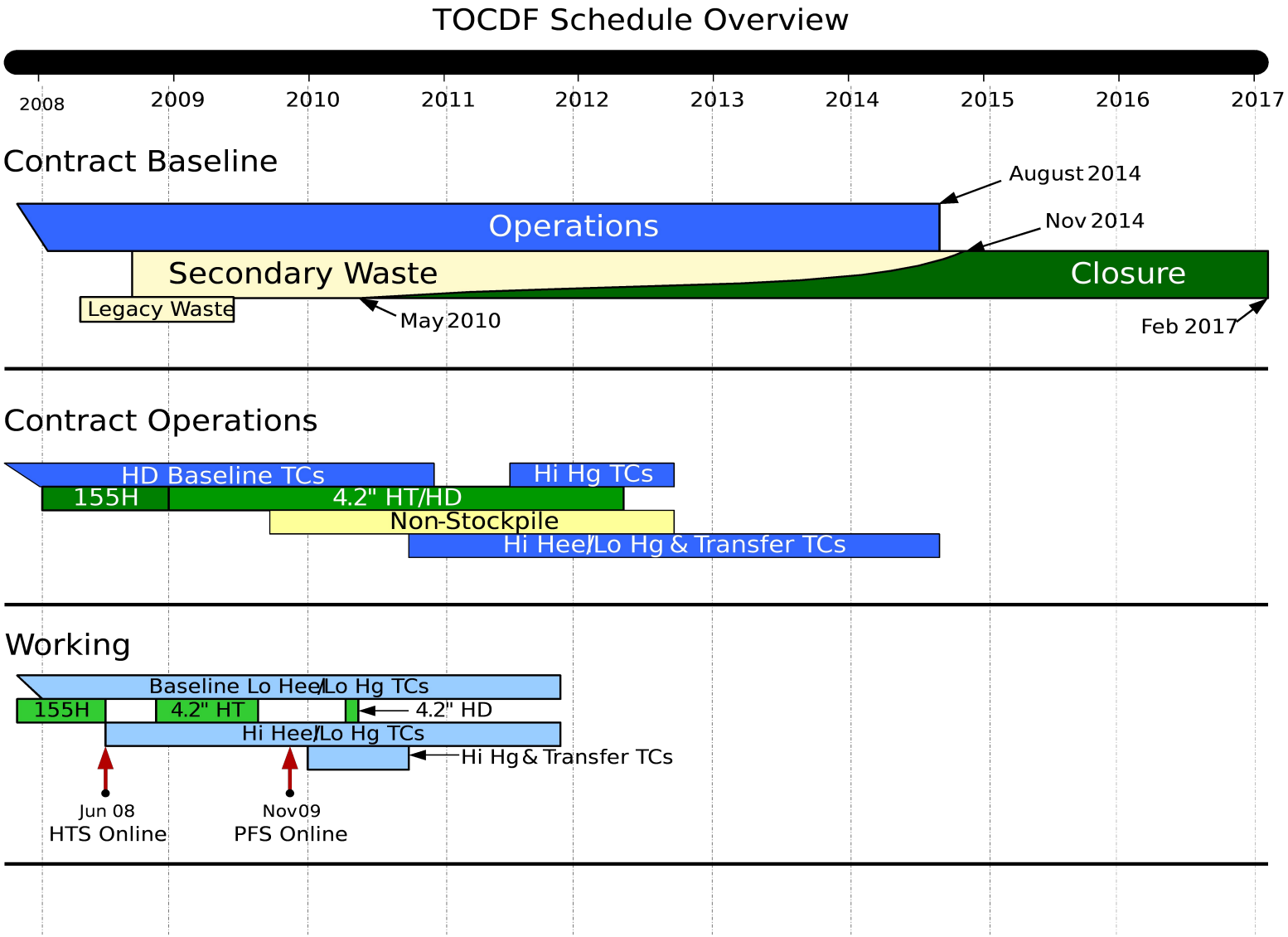
- Characterization identified mercury contamination in a predictable number of ton containers.
- Existing Pollution Abatement System will not remove mercury.
- The PFS will reduce mercury emiss rmitted limits.
- An 009.

Secondary Waste Campaign Status

Destroying more waste than generating:

- 77,321 lbs of waste have been processed through the MPF as of March 9, 2008
- 21,993 lbs of XXX HD Secondary Waste (DPE suits, TAP gear, plastic and hydraulic fluid) have been shipped offsite for disposal.
- A Class 2 permit modification to ship DPE and TAP gear at levels < 1 VSL has been submitted to DSE

TOCDF Schedule Overview



Chemical Disposal Program Update

QUESTIONS?